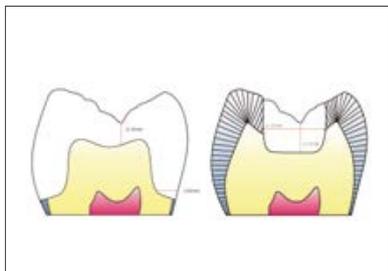


VITA ENAMIC® Quick Instruction Guide

VITA ENAMIC is the first hybrid dental ceramic in the world with a dual-network structure

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Preparation/wall thicknesses

- Follow the general guidelines for preparation and design for ceramic restorations
- Posterior crowns: Occlusal: at least 1.0 mm; circumferential: at least 0.8 mm
- Inlays: Occlusal: at least 1.0 mm; in the area of the isthmus: at least 1.0 mm



CAD/CAM process

- Once the grinding / milling process (CAM) has been completed, remove the lug or bars using a diamond instrument.



Extraoral polishing

- The first step is to contour the restoration
- The second step is prepolishing/high gloss polishing with the VITA ENAMIC Polishing Set
- As a rule: when reworking, apply only slight pressure and use water if possible.



Fine intraoral corrections (after adhesive cementation)

- Prepolishing with the pink polishers of the VITA ENAMIC Polishing Set while cooling with water
- High gloss polishing with the grey diamond-coated polishers of the VITA ENAMIC Polishing Set

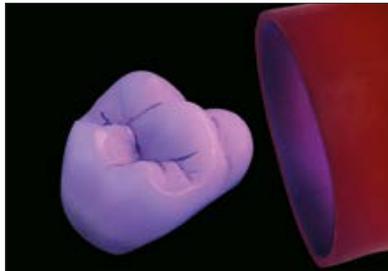


Optional: shade characterization (staining technique)

- Conditioning the surface: either etch with 5% hydrofluoric acid gel (for example VITA ADIVA CERA-ETCH) or sandblast with Al_2O_3
- Residue must be carefully removed and the surface silanized
- Mix stain powder with VITA ENAMIC STAINS LIQUID (note: processing time 10 mins.)



- Applying shade, intermediate polymerization, sealing applied shade with VITA ENAMIC GLAZE, final polymerization



- The following polymerization units are recommended for light-curing of the VITA ENAMIC STAINS: Bluephase C8 (Ivoclar Vivadent), Astralis 10 (Ivoclar Vivadent), Valo LED (Ultradent), Speed Labolight (Hager&Werken), Heraflash (Heraeus Kulzer) and PolyLux PT (Dreve)
- Required spectral range: 350 – 500 nm



Optional: individualization (layering technique)

- VITA ENAMIC can be individualized with VITA VM LC flow veneering composite (layering technique).



Bonding the restoration

Conditioning the tooth substance

- Etch the tooth substance (for example, VITA ADIVA TOOTH-ETCH) for 20 sec.
- Application of the adhesive system (for example, VITA ADIVA T-BOND) to the prepared tooth



Conditioning the restoration

- Etch the inner surface with 5% hydrofluoric acid gel (for example, VITA ADIVA CERA-ETCH) for 60 sec.
- Acid residue must be carefully removed
- Apply silane bonding agent (for example, VITA ADIVA C-PRIME) to the etched surfaces



Seating the restoration

- Application of the luting composite (for example, VITA ADIVA F-CEM)
- Inserting the restoration
- Light curing (Please follow manufacturer's instructions!)

More information on processing can be found in the VITA ENAMIC Working Instructions No. 1982 and VITA ENAMIC STAINS KIT Working Instructions No. 1931 and at www.vita-zahnfabrik.com/enamic

*) Users with older hardware and software versions select the material VITABLOCKS Mark II, I 12 or I14 for the processing of VITA ENAMIC blanks.